Tuesday, October 7, 2014 12:39 PM

Q' (xdx = 6? (actually divigent)

Improper Intyral ~ 0 not indomain so down't actually make sand.

to "evaluate" we write (//x dx)
(translaty)

lim 5 1/xdx t-> 0+ t

Side comment

[Im (In I - In t)

In a nutshell - it limits at integration are either - to (type I) - not in domain, I function (type II) then me a call it an improper in tyrel · evaluate by replany bad bounds w/a variable, takeny a limit. Conveyent means - answer is a number. divergent means - answer is not anumber [m (-cos f+1) d.n.e. dingunt intyral.

other pot 
$$\begin{cases} y_{x}2dx = \lim_{t \to 0^{-1}} \begin{cases} y_{x}2dx - \dots = \infty \\ y_{x}2dx = \lim_{t \to 0^{-1}} \begin{cases} y_{x}2dx - \dots = \infty \\ y_{x}2dx = \begin{cases} y_{x}2dx + \begin{cases} y_{x}2dx - \dots = \infty \\ y_{x}2dx = \begin{cases} y_{x}2dx + \begin{cases} y_{x}2dx - \dots = \infty \\ y_{x}2dx = \begin{cases} y_{x}2dx + \begin{cases} y_{x}2dx - \dots = \infty \\ y_{x}2dx = \begin{cases} y_{x}2dx + \begin{cases} y_{x}2dx - \dots = \infty \\ y_{x}2dx = \begin{cases} y_{x}2dx + \begin{cases} y_{x}2dx - \dots = \infty \\ y_{x}2dx = \begin{cases} y_{x}2dx + \begin{cases} y_{x}2dx - \dots = \infty \\ y_{x}2dx = \begin{cases} y_{x}2dx + \begin{cases} y_{x}2dx - \dots = \infty \\ y_{x}2dx = \begin{cases} y_{x}2dx + \begin{cases} y_{x}2dx - \dots = \infty \\ y_{x}2dx = \begin{cases} y_{x}2dx + \begin{cases} y_{x}2dx - \dots = \infty \\ y_{x}2dx = \begin{cases} y_{x}2dx + y_{x}2dx + y_{x}2dx + y_{x}2dx = \begin{cases} y_{x}2dx + y_{x}2dx +$$

(Riemann-Zeta Function)